

Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:SSSPTA1615LXC

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	MAR 31	IFICDB, IFIPAT, and IFIUIDB enhanced with new custom IPC display formats
NEWS	3	MAR 31	CAS REGISTRY enhanced with additional experimental spectra
NEWS	4	MAR 31	CA/CAPplus and CASREACT patent number format for U.S. applications updated
NEWS	5	MAR 31	LPCI now available as a replacement to LDPCI
NEWS	6	MAR 31	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	7	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	8	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	9	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	10	APR 28	IMSRESEARCH reloaded with enhancements
NEWS	11	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS	12	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS	13	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	14	JUN 06	KOREAPAT updated with 41,000 documents
NEWS	15	JUN 13	USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS	16	JUN 19	CAS REGISTRY includes selected substances from web-based collections
NEWS	17	JUN 25	CA/CAPplus and USPAT databases updated with IPC reclassification data
NEWS	18	JUN 30	AEROSPACE enhanced with more than 1 million U.S. patent records
NEWS	19	JUN 30	EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated organizations
NEWS	20	JUN 30	STN on the Web enhanced with new STN AnaVist Assistant and BLAST plug-in
NEWS	21	JUN 30	STN AnaVist enhanced with database content from EPFULL
NEWS	22	JUL 28	CA/CAPplus patent coverage enhanced
NEWS	23	JUL 28	EPFULL enhanced with additional legal status information from the epoline Register
NEWS	24	JUL 28	IFICDB, IFIPAT, and IFIUIDB reloaded with enhancements
NEWS	25	JUL 28	STN Viewer performance improved
NEWS	26	AUG 01	INPADOCDB and INPAFAMDB coverage enhanced

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items

NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 17:47:27 ON 12 AUG 2008

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 17:47:34 ON 12 AUG 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 11 AUG 2008 HIGHEST RN 1040235-14-0
DICTIONARY FILE UPDATES: 11 AUG 2008 HIGHEST RN 1040235-14-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

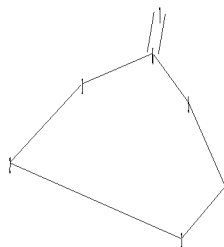
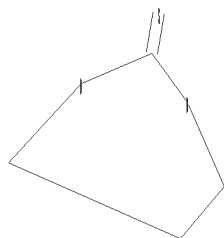
TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>
Uploading C:\Program Files\STNEXP\Queries\cyclic carbonate.str



chain nodes :
7
ring nodes :
1 2 3 4 5 6
chain bonds :

6-7
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
1-2 1-6 2-3 3-4 4-5 5-6 6-7

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS

L1 STRUCTURE UPLOADED

=> s l1
SAMPLE SEARCH INITIATED 17:48:00 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 31 TO ITERATE

100.0% PROCESSED 31 ITERATIONS 3 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 286 TO 954
PROJECTED ANSWERS: 3 TO 163

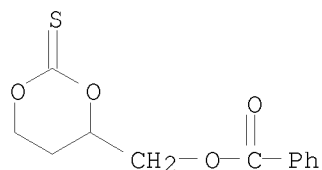
L2 3 SEA SSS SAM L1

=> d l2

L2 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2008 ACS on STN
RN 501353-48-6 REGISTRY
ED Entered STN: 02 Apr 2003
CN 1,3-Dioxane-2-thione, 4-[(benzoyloxy)methyl]-, homopolymer (9CI) (CA
INDEX NAME)
MF (C12 H12 O4 S)x
CI PMS
PCT Polycarbonate, Polycarbonate formed
SR CA
LC STN Files: CA, CAPLUS

CM 1

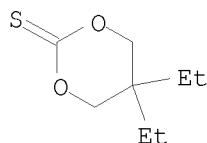
CRN 501353-45-3
CMF C12 H12 O4 S



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d l2 2-3

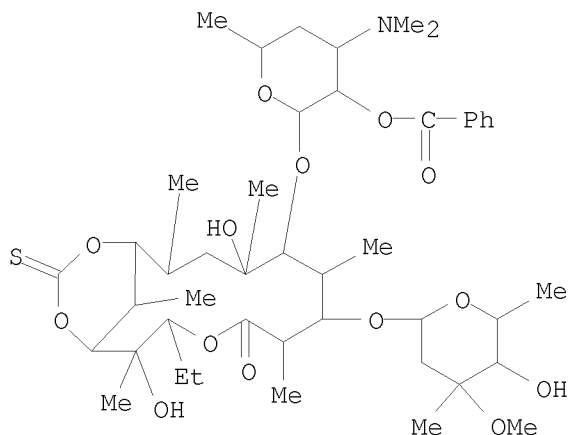
L2 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 119543-65-6 REGISTRY
 ED Entered STN: 10 Mar 1989
 CN 1,3-Dioxane-2-thione, 5,5-diethyl- (CA INDEX NAME)
 OTHER NAMES:
 CN 5,5-Diethyl-1,3-dioxan-2-thione
 MF C8 H14 O2 S
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS, USPAT2, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

6 REFERENCES IN FILE CA (1907 TO DATE)
 6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 110191-25-8 REGISTRY
 ED Entered STN: 05 Sep 1987
 CN 4,14,16-Trioxabicyclo[11.3.1]heptadecan-5-one, 9-[[2-O-benzoyl-3,4,6-trideoxy-3-(dimethylamino)-.beta.-D-xylo-hexopyranosyl]oxy]-7-[(2,6-dideoxy-3-C-methyl-3-O-methyl-.alpha.-L-ribo-hexopyranosyl)oxy]-3-ethyl-2,10-dihydroxy-2,6,8,10,12,17-hexamethyl-15-thioxo-, (1R,2R,3R,6R,7S,8S,9R,10R,12R,13S,17S)- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Erythromycin, 9,11-[(carbonothioyl)bis(oxy)]-9-deoxo-11-deoxy-, 2'-benzoate, (9S)-
 MF C45 H71 N O14 S
 SR CA
 LC STN Files: BEILSTEIN*, CA, CAPLUS
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> filce caplus
0 FILCE
0 CAPLUS
L3 0 FILCE CAPLUS
(FILCE(W)CAPLUS)

=> file caplus	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	17.22	17.43

FILE 'CAPLUS' ENTERED AT 17:48:45 ON 12 AUG 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 12 Aug 2008 VOL 149 ISS 7
FILE LAST UPDATED: 11 Aug 2008 (20080811/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s 119543-65-6 /rn
REGISTRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L5 6 L4

FIELD CODES CANNOT BE CHANGED HERE
COMMAND STACK INTERRUPTED. ENTER "DISPLAY HISTORY"
TO SEE WHICH COMMANDS WERE EXECUTED.

You may have tried to apply a field code to a term that already has a field code. You can only add a field code to a term that has no field code appended to it.

=> d 15 1- ibib

YOU HAVE REQUESTED DATA FROM 6 ANSWERS - CONTINUE? Y/(N):y

L5 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2008:547103 CAPLUS
DOCUMENT NUMBER: 149:54700
TITLE: Tetraoxaspiroalkanes for polymerization stress
reduction of Silorane resins
AUTHOR(S): Chappelow, Cecil C.; Pinzino, Charles S.; Chen,
Shin-Shi; Kotha, Shiva P.; Glaros, Alan G.; Eick, J.
David
CORPORATE SOURCE: Midwest Research Institute, Kansas City, MO, 64110,
USA
SOURCE: Journal of Applied Polymer Science (2008), 108(6),
3738-3747
CODEN: JAPNAB; ISSN: 0021-8995
PUBLISHER: John Wiley & Sons, Inc.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2007:356773 CAPLUS
DOCUMENT NUMBER: 146:359664
TITLE: Tetraoxaspirodecanes and methods of use with
organosilicon monomers in photopolymerizable
compositions
INVENTOR(S): Chappelow, Cecil C.; Pinzino, Charles S.; Chen,
Shin-Shi; Eick, J. David
PATENT ASSIGNEE(S): Curators of the University of Missouri, USA; Midwest
Research Institute
SOURCE: U.S. Pat. Appl. Publ., 21pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20070072954	A1	20070329	US 2006-540031	20060929
PRIORITY APPLN. INFO.:			US 2005-721806P	P 20050929
OTHER SOURCE(S):		MARPAT 146:359664		

L5 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2001:275464 CAPLUS
DOCUMENT NUMBER: 135:92889
TITLE: A semiempirical quantum mechanical study of the
cationic homopolymerization of expanding and
potentially expanding monomer systems
AUTHOR(S): Holder, A. J.; White, D. A.; Harris, C. D.; Eick, J.
D.; Chappelow, C. C.
CORPORATE SOURCE: Department of Chemistry, University of Missouri-Kansas
City, Kansas City, MO, 64110, USA
SOURCE: THEOCHEM (2001), 541, 159-169
CODEN: THEODJ; ISSN: 0166-1280
PUBLISHER: Elsevier Science B.V.

DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2000:493582 CAPLUS
DOCUMENT NUMBER: 133:121126
TITLE: Photopolymerizable vinyl ether based monomeric
formulations and polymerizable compositions which may
include spiroorthocarbonates
INVENTOR(S): Chappelow, Cecil C.; Pinzino, Charles S.; Eick, J.
David; Oxman, Joel D.
PATENT ASSIGNEE(S): The Curators of the University of Missouri, USA; 3M
Innovative Properties Company
SOURCE: PCT Int. Appl., 106 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000042080	A1	20000720	WO 1999-US20002	19990901
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 20020013380	A1	20020131	US 1999-232500	19990115
US 6458865	B2	20021001		
CA 2355326	A1	20000720	CA 1999-2355326	19990901
AU 9961333	A	20000801	AU 1999-61333	19990901
EP 1165627	A1	20020102	EP 1999-948092	19990901
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
JP 2002534568	T	20021015	JP 2000-593646	19990901
US 20030119931	A1	20030626	US 2002-234551	20020904
US 6653486	B2	20031125		

PRIORITY APPLN. INFO.: US 1999-232500 A 19990115
WO 1999-US20002 W 19990901

REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1991:234996 CAPLUS
DOCUMENT NUMBER: 114:234996
ORIGINAL REFERENCE NO.: 114:39527a,39530a
TITLE: Evaluation of spiro orthocarbonate monomers capable of
polymerization with expansion as ingredients in dental
composite materials
AUTHOR(S): Stansbury, J. W.; Bailey, W. J.
CORPORATE SOURCE: Natl. Inst. Stand. Technol., Gaithersburg, MD, 20899,
USA
SOURCE: Prog. Biomed. Polym., [Proc. Am. Chem. Soc. Symp.]
(1990), Meeting Date 1988, 133-9. Editor(s):
Gebelein, Charles G.; Dunn, Richard L. Plenum: New
York, N. Y.

CODEN: 57BPAS
DOCUMENT TYPE: Conference
LANGUAGE: English

L5 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1989:115734 CAPLUS
DOCUMENT NUMBER: 110:115734
ORIGINAL REFERENCE NO.: 110:19104h,19105a
TITLE: Evaluation of spiro orthocarbonate monomers capable of
polymerization with expansion as ingredients in dental
composite materials
AUTHOR(S): Stansbury, J. W.; Bailey, W. J.
CORPORATE SOURCE: Natl. Bur. Stand., Gaithersburg, MD, 20899, USA
SOURCE: Polymeric Materials Science and Engineering (1988),
59, 402-6
CODEN: PMSEDG; ISSN: 0743-0515
DOCUMENT TYPE: Journal
LANGUAGE: English

=> d his full

(FILE 'HOME' ENTERED AT 17:47:27 ON 12 AUG 2008)

FILE 'REGISTRY' ENTERED AT 17:47:34 ON 12 AUG 2008

L1 STRUCTURE UPLOADED
L2 3 SEA SSS SAM L1
D L2
D L2 2-3
L3 0 SEA ABB=ON PLU=ON FILCE CAPLUS

FILE 'CAPLUS' ENTERED AT 17:48:45 ON 12 AUG 2008
S 119543-65-6/REG# /RN

FILE 'REGISTRY' ENTERED AT 17:49:35 ON 12 AUG 2008
L4 1 SEA ABB=ON PLU=ON 119543-65-6/RN

FILE 'CAPLUS' ENTERED AT 17:49:35 ON 12 AUG 2008
L5 6 SEA ABB=ON PLU=ON L4
D L5 1- IBIB

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 11 AUG 2008 HIGHEST RN 1040235-14-0
DICTIONARY FILE UPDATES: 11 AUG 2008 HIGHEST RN 1040235-14-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

FILE CAPLUS

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 12 Aug 2008 VOL 149 ISS 7
FILE LAST UPDATED: 11 Aug 2008 (20080811/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> log h

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	8.22	26.59

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 17:50:41 ON 12 AUG 2008

Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:SSSPTA1615LXC

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 17:53:29 ON 12 AUG 2008
FILE 'CAPLUS' ENTERED AT 17:53:29 ON 12 AUG 2008
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	8.22	26.59

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	8.70	27.07

FILE 'CAPLUS' ENTERED AT 17:53:50 ON 12 AUG 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 12 Aug 2008 VOL 149 ISS 7
FILE LAST UPDATED: 11 Aug 2008 (20080811/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

```
=> s cyclic carbonate
    340973 CYCLIC
      355 CYCLICS
    341113 CYCLIC
        (CYCLIC OR CYCLICS)
    331030 CARBONATE
      72017 CARBONATES
    366152 CARBONATE
        (CARBONATE OR CARBONATES)
L6      2999 CYCLIC CARBONATE
        (CYCLIC(W)CARBONATE)
```

```
=> s l6 (p) (skin or hair or nail or topical or dermatological or cuticle or eye
makeup or eyelashes or mascara or lipstick) (p) composition
    284608 SKIN
      11190 SKINS
    290875 SKIN
        (SKIN OR SKINS)
    70086 HAIR
      5681 HAIRS
    72642 HAIR
        (HAIR OR HAIRS)
      8323 NAIL
      3464 NAILS
    10054 NAIL
        (NAIL OR NAILS)
    51324 TOPICAL
      41 TOPICALS
    51343 TOPICAL
        (TOPICAL OR TOPICALS)
      2847 DERMATOLOGICAL
        13 DERMATOLOGICALS
      2858 DERMATOLOGICAL
        (DERMATOLOGICAL OR DERMATOLOGICALS)
      6786 DERMATOL
      8231 DERMATOLOGICAL
        (DERMATOLOGICAL OR DERMATOL)
      9024 CUTICLE
      1291 CUTICLES
```

9399 CUTICLE
 (CUTICLE OR CUTICLES)
 129926 EYE
 28209 EYES
 140588 EYE
 (EYE OR EYES)
 6768 MAKEUP
 2439 MAKEUPS
 7920 MAKEUP
 (MAKEUP OR MAKEUPS)
 229 EYE MAKEUP
 (EYE(W)MAKEUP)
 316 EYELASHES
 636 MASCARA
 1319 MASCARAS
 1468 MASCARA
 (MASCARA OR MASCARAS)
 1709 LIPSTICK
 3122 LIPSTICKS
 3628 LIPSTICK
 (LIPSTICK OR LIPSTICKS)
 734462 COMPOSITION
 334735 COMPOSITIONS
 1061510 COMPOSITION
 (COMPOSITION OR COMPOSITIONS)
 1550283 COMPN
 625821 COMPNS
 1898859 COMPN
 (COMPN OR COMPNS)
 2388383 COMPOSITION
 (COMPOSITION OR COMPN)
 L7 7 L6 (P) (SKIN OR HAIR OR NAIL OR TOPICAL OR DERMATOLOGICAL OR
 CUTICLE OR EYE MAKEUP OR EYELASHES OR MASCARA OR LIPSTICK) (P)
 COMPOSITION

=> d l7 ibib 1-

YOU HAVE REQUESTED DATA FROM 7 ANSWERS - CONTINUE? Y/(N):y

L7 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2004:964798 CAPLUS
 DOCUMENT NUMBER: 141:415669
 TITLE: Nail polish remover comprising heterocyclic solvent
 having a carbonyl moiety
 INVENTOR(S): Fujii, Gary
 PATENT ASSIGNEE(S): Biocerax, Inc., USA
 SOURCE: U.S. Pat. Appl. Publ., 13 pp., Cont.-in-part of U.S.
 Ser. No. 394,405.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
US 20040224861	A1	20041111	US 2004-804834	20040319
US 7074746	B2	20060711		
US 20040186029	A1	20040923	US 2003-394405	20030319
PRIORITY APPLN. INFO.:			US 2003-394405	A2 20030319
REFERENCE COUNT:	21	THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L7 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:428792 CAPLUS
DOCUMENT NUMBER: 140:411993
TITLE: Cosmetic composition comprising at least one specific cyclic carbonate
INVENTOR(S): Brun, Gaeelle; Rollat-Corvol, Isabelle
PATENT ASSIGNEE(S): L'oreal, Fr.
SOURCE: PCT Int. Appl., 57 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004043330	A2	20040527	WO 2003-FR3285	20031104
WO 2004043330	A3	20041021		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
FR 2846879	A1	20040514	FR 2002-13938	20021107
AU 2003292331	A1	20040603	AU 2003-292331	20031104
EP 1562538	A2	20050817	EP 2003-767897	20031104
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
JP 2006518330	T	20060810	JP 2004-550734	20031104
PRIORITY APPLN. INFO.:			FR 2002-13938	A 20021107
			US 2002-434654P	P 20021220
			WO 2003-FR3285	W 20031104

OTHER SOURCE(S): MARPAT 140:411993

L7 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:390943 CAPLUS
DOCUMENT NUMBER: 140:380256
TITLE: Cosmetic composition containing at least a particular cyclic carbonate
INVENTOR(S): Brun, Gaeelle; Rollat Corvol, Isabelle
PATENT ASSIGNEE(S): L'Oreal, Fr.
SOURCE: Fr. Demande, 57 pp.
CODEN: FRXXBL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2846879	A1	20040514	FR 2002-13938	20021107
WO 2004043330	A2	20040527	WO 2003-FR3285	20031104
WO 2004043330	A3	20041021		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO,			

NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ,
 TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
 BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,
 ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,
 TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 AU 2003292331 A1 20040603 AU 2003-292331 20031104
 EP 1562538 A2 20050817 EP 2003-767897 20031104
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
 JP 2006518330 T 20060810 JP 2004-550734 20031104
 US 20040156800 A1 20040812 US 2003-702441 20031107
 PRIORITY APPLN. INFO.: FR 2002-13938 A 20021107
 US 2002-434654P P 20021220
 WO 2003-FR3285 W 20031104

OTHER SOURCE(S): MARPAT 140:380256
 REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2001:326226 CAPLUS
 DOCUMENT NUMBER: 134:344336
 TITLE: Hair dye compositions containing direct dyes, solvents
 to promote penetration, and perfume compounds
 INVENTOR(S): Miyabe, Hajime; Inoue, Michiaki
 PATENT ASSIGNEE(S): Kao Corp., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001122744	A	20010508	JP 1999-307326	19991028
PRIORITY APPLN. INFO.:			JP 1999-307326	19991028
OTHER SOURCE(S):	MARPAT 134:344336			

L7 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2000:315003 CAPLUS
 DOCUMENT NUMBER: 132:339029
 TITLE: Hair and skin conditioners
 INVENTOR(S): Kahre, Joerg; Boyxen, Norbert; Prat Queralt, Esther;
 Blasquez Fernandez, Jose
 PATENT ASSIGNEE(S): Cognis Deutschland G.m.b.H., Germany
 SOURCE: Ger. Offen., 12 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19851451	A1	20000511	DE 1998-19851451	19981109
WO 2000027343	A2	20000518	WO 1999-EP8287	19991030
WO 2000027343	A3	20001116		
W: JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
PRIORITY APPLN. INFO.:			DE 1998-19851451	A 19981109

OTHER SOURCE(S): MARPAT 132:339029
 REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1999:549118 CAPLUS
 DOCUMENT NUMBER: 131:181124
 TITLE: Aqueous formulations for combating parasitic insects
 and acarina on humans
 INVENTOR(S): Sirinyan, Kirkor; Horn, Karin; Stocker, Ronald Helmut;
 Sonneck, Rainer
 PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany
 SOURCE: PCT Int. Appl., 45 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9941987	A1	19990826	WO 1999-EP878	19990210
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 19807630	A1	19990826	DE 1998-19807630	19980223
CA 2321206	A1	19990826	CA 1999-2321206	19990210
AU 9925230	A	19990906	AU 1999-25230	19990210
AU 739980	B2	20011025		
BR 9908197	A	20001024	BR 1999-8197	19990210
TR 200002441	T2	20001121	TR 2000-2441	19990210
EP 1056342	A1	20001206	EP 1999-904877	19990210
EP 1056342	B1	20030820		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
HU 2001000959	A2	20010828	HU 2001-959	19990210
JP 2002503682	T	20020205	JP 2000-532014	19990210
AT 247384	T	20030915	AT 1999-904877	19990210
PT 1056342	T	20031231	PT 1999-904877	19990210
ES 2205770	T3	20040501	ES 1999-904877	19990210
ZA 9901384	A	19990823	ZA 1999-1384	19990222
IN 2000MN00226	A	20050715	IN 2000-MN226	20000727
US 6369054	B1	20020409	US 2000-601572	20000803
MX 2000PA08052	A	20010405	MX 2000-PA8052	20000817
HK 1035993	A1	20070914	HK 2001-107011	20011005
PRIORITY APPLN. INFO.:			DE 1998-19807630	A 19980223
			WO 1999-EP878	W 19990210

OTHER SOURCE(S): MARPAT 131:181124
 REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1999:549117 CAPLUS
 DOCUMENT NUMBER: 131:166526
 TITLE: Aqueous formulations of animal ectoparasiticides
 INVENTOR(S): Sirinyan, Kirkor; Dorn, Hubert; Heukamp, Ulrich
 PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 48 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9941986	A1	19990826	WO 1999-EP875	19990210
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 19807633	A1	19990826	DE 1998-19807633	19980223
CA 2321209	A1	19990826	CA 1999-2321209	19990210
AU 9926230	A	19990906	AU 1999-26230	19990210
AU 750954	B2	20020801		
BR 9908173	A	20001031	BR 1999-8173	19990210
EP 1056343	A1	20001206	EP 1999-906223	19990210
EP 1056343	B1	20041013		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, SI, LT, LV, FI, RO				
TR 200002443	T2	20001221	TR 2000-2443	19990210
HU 2001000790	A2	20010828	HU 2001-790	19990210
JP 2002503681	T	20020205	JP 2000-532013	19990210
EE 200000485	A	20020215	EE 2000-485	19990210
NZ 506460	A	20030131	NZ 1999-506460	19990210
TW 581660	B	20040401	TW 1999-88102018	19990210
RU 2232505	C2	20040720	RU 2000-124395	19990210
AT 279114	T	20041015	AT 1999-906223	19990210
PT 1056343	T	20050131	PT 1999-906223	19990210
ES 2230835	T3	20050501	ES 1999-906223	19990210
ZA 9901385	A	19990823	ZA 1999-1385	19990222
BG 104690	A	20011031	BG 2000-104690	20000815
BG 64814	B1	20060531		
MX 2000PA08051	A	20010405	MX 2000-PA8051	20000817
NO 2000004188	A	20001023	NO 2000-4188	20000822
NO 324076	B1	20070806		
US 20030162773	A1	20030828	US 2003-347003	20030117
US 7384938	B2	20080610		
PRIORITY APPLN. INFO.:			DE 1998-19807633	A 19980223
			WO 1999-EP875	W 19990210
			US 2000-622660	B1 20000821
OTHER SOURCE(S): MARPAT 131:166526				
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT				

=> d 17 ibib kwic 4

L7 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2001:326226 CAPLUS
 DOCUMENT NUMBER: 134:344336
 TITLE: Hair dye compositions containing direct dyes, solvents to promote penetration, and perfume compounds
 INVENTOR(S): Miyabe, Hajime; Inoue, Michiaki
 PATENT ASSIGNEE(S): Kao Corp., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001122744	A	20010508	JP 1999-307326	19991028
PRIORITY APPLN. INFO.:			JP 1999-307326	19991028
OTHER SOURCE(S):	MARPAT 134:344336			

AB Hair dye compns., which can impart long-lasting well-balanced fragrance to hair, contain (A) direct dyes, (B) .gtoreq.1 selected from 4-R1C6H4R2(OCH2CHR3)aOH (R1 = H, Me, OMe; R2 = direct bond, CH2, CH2CH2;. . . = H, C1-4 linear or branched alkyl; b = 1-3), 2-pyrrolidinones I (R7 = C1-18 linear or branched alkyl), and cyclic carbonates II (R8 = H, Me, Et), and (C) .gtoreq.1 perfume compd. selected from arom. or unsatd. nonarom. terpenic hydrocarbons, alcs., ethers, aldehydes, ketones, and esters having vapor pressure .gtoreq.0.06 Pa at 25.degree.. A hair dye contg. PhCH2OH 10, Japan Black 401 0.5, Japan orange 205 0.6, a fragrance mixt. (limonene 250, AcOCH2Ph 130, phenylethyl. . . EtOH 15, polyether-modified silicones 1, xanthan gum 1, lactic acid 4, NaOH 0.2,%, and H2O balance was applied to gray hair at 25.degree. for 15 min and rinsed. The fragrance of the hair was well-balanced and continued.

=> d 17 ibib kwic 5

L7 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2000:315003 CAPLUS
DOCUMENT NUMBER: 132:339029
TITLE: Hair and skin conditioners
INVENTOR(S): Kahre, Joerg; Boyxen, Norbert; Prat Queralt, Esther; Blasquez Fernandez, Jose
PATENT ASSIGNEE(S): Cognis Deutschland G.m.b.H., Germany
SOURCE: Ger. Offen., 12 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19851451	A1	20000511	DE 1998-19851451	19981109
WO 2000027343	A2	20000518	WO 1999-EP8287	19991030
WO 2000027343	A3	20001116		

W: JP, US

RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

PRIORITY APPLN. INFO.: DE 1998-19851451 A 19981109

OTHER SOURCE(S): MARPAT 132:339029

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

AB Hair and skin conditioners contg. esterquats and partial glycerides, which sometimes leave the hair or skin feeling rough or dry, are modified by addn. of alc. ethoxylates, alkyl and/or alkenyl oligoglycosides, and/or polyol poly-12-hydroxystearates, and optionally by further addn. of fatty alcs.

and/or cyclic carbonates, to improve the sensorial properties of the hair or skin. The resulting compns. are water-free, stable during storage, and have a low viscosity as concs. and are self-emulsifying on addn. to aq. phases.. .

=> d his

(FILE 'HOME' ENTERED AT 17:47:27 ON 12 AUG 2008)

FILE 'REGISTRY' ENTERED AT 17:47:34 ON 12 AUG 2008

L1 STRUCTURE UPLOADED
L2 3 S L1
L3 0 FILCE CAPLUS

FILE 'CAPLUS' ENTERED AT 17:48:45 ON 12 AUG 2008
S 119543-65-6/REG# /RN

FILE 'REGISTRY' ENTERED AT 17:49:35 ON 12 AUG 2008
L4 1 S 119543-65-6/RN

FILE 'CAPLUS' ENTERED AT 17:49:35 ON 12 AUG 2008
L5 6 S L4

FILE 'CAPLUS' ENTERED AT 17:53:50 ON 12 AUG 2008
L6 2999 S CYCLIC CARBONATE
L7 7 S L6 (P) (SKIN OR HAIR OR NAIL OR TOPICAL OR DERMATOLOGICAL OR

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	49.25	76.32
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.60	-1.60

FILE 'REGISTRY' ENTERED AT 18:00:35 ON 12 AUG 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 11 AUG 2008 HIGHEST RN 1040235-14-0
DICTIONARY FILE UPDATES: 11 AUG 2008 HIGHEST RN 1040235-14-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

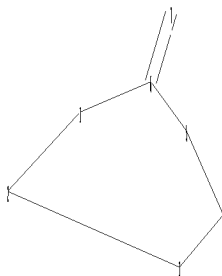
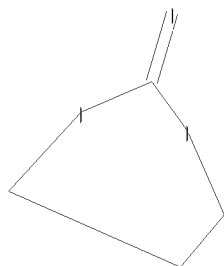
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\STNEXP\Queries\cyclic carbonate 2.str



chain nodes :

7

ring nodes :

1 2 3 4 5 6

chain bonds :

6-7

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 5-6 6-7

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS

L8 STRUCTURE UPLOADED

=> s 18

SAMPLE SEARCH INITIATED 18:00:47 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 617 TO ITERATE

100.0% PROCESSED 617 ITERATIONS

50 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 10850 TO 13830

PROJECTED ANSWERS: 1674 TO 2966

L9 50 SEA SSS SAM L8

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.46

76.78

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

0.00

-1.60

FILE 'CAPLUS' ENTERED AT 18:01:01 ON 12 AUG 2008

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 12 Aug 2008 VOL 149 ISS 7
FILE LAST UPDATED: 11 Aug 2008 (20080811/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s 19 (p) (skin or hair or nail or topical or dermatological or cuticle or eye makeup or eyelashes or mascara or lipstick) (p) composition

65 L9
284608 SKIN
11190 SKINS
290875 SKIN
(SKIN OR SKINS)
70086 HAIR
5681 HAIRS
72642 HAIR
(HAIR OR HAIRS)
8323 NAIL
3464 NAILS
10054 NAIL
(NAIL OR NAILS)
51324 TOPICAL
41 TOPICALS
51343 TOPICAL
(TOPICAL OR TOPICALS)
2847 DERMATOLOGICAL
13 DERMATOLOGICALS
2858 DERMATOLOGICAL
(DERMATOLOGICAL OR DERMATOLOGICALS)
6786 DERMATOL
8231 DERMATOLOGICAL
(DERMATOLOGICAL OR DERMATOL)
9024 CUTICLE
1291 CUTICLES
9399 CUTICLE
(CUTICLE OR CUTICLES)
129926 EYE
28209 EYES
140588 EYE
(EYE OR EYES)
6768 MAKEUP
2439 MAKEUPS
7920 MAKEUP
(MAKEUP OR MAKEUPS)
229 EYE MAKEUP

```

                (EYE(W)MAKEUP)
            316 EYELASHES
            636 MASCARA
        1319 MASCARAS
        1468 MASCARA
            (MASCARA OR MASCARAS)
        1709 LIPSTICK
        3122 LIPSTICKS
        3628 LIPSTICK
            (LIPSTICK OR LIPSTICKS)
        734462 COMPOSITION
        334735 COMPOSITIONS
    1061510 COMPOSITION
            (COMPOSITION OR COMPOSITIONS)
        1550283 COMPN
        625821 COMPNS
        1898859 COMPN
            (COMPN OR COMPNS)
        2388383 COMPOSITION
            (COMPOSITION OR COMPN)
L10          0 L9 (P) (SKIN OR HAIR OR NAIL OR TOPICAL OR DERMATOLOGICAL OR
                CUTICLE OR EYE MAKEUP OR EYELASHES OR MASCARA OR LIPSTICK) (P)
                COMPOSITION

```

=> d his

```

                (FILE 'HOME' ENTERED AT 17:47:27 ON 12 AUG 2008)

        FILE 'REGISTRY' ENTERED AT 17:47:34 ON 12 AUG 2008
L1          STRUCTURE UPLOADED
L2          3 S L1
L3          0 FILCE CAPLUS

        FILE 'CAPLUS' ENTERED AT 17:48:45 ON 12 AUG 2008
                S 119543-65-6/REG# /RN

        FILE 'REGISTRY' ENTERED AT 17:49:35 ON 12 AUG 2008
L4          1 S 119543-65-6/RN

        FILE 'CAPLUS' ENTERED AT 17:49:35 ON 12 AUG 2008
L5          6 S L4

        FILE 'CAPLUS' ENTERED AT 17:53:50 ON 12 AUG 2008
L6          2999 S CYCLIC CARBONATE
L7          7 S L6 (P) (SKIN OR HAIR OR NAIL OR TOPICAL OR DERMATOLOGICAL OR

        FILE 'REGISTRY' ENTERED AT 18:00:35 ON 12 AUG 2008
L8          STRUCTURE UPLOADED
L9          50 S L8

        FILE 'CAPLUS' ENTERED AT 18:01:01 ON 12 AUG 2008
L10         0 S L9 (P) (SKIN OR HAIR OR NAIL OR TOPICAL OR DERMATOLOGICAL OR

```

=> d 19 1-10

YOU HAVE REQUESTED DATA FROM FILE 'REGISTRY' - CONTINUE? (Y)/N:y

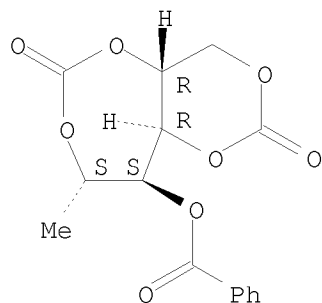
```

L9  ANSWER 1 OF 50  REGISTRY  COPYRIGHT 2008 ACS on STN
RN  1035959-42-2  REGISTRY
ED  Entered STN:  25 Jul 2008

```

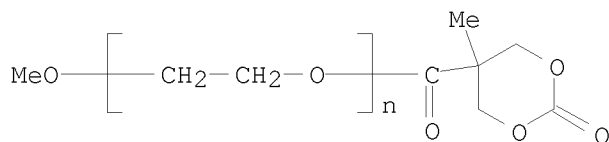
CN INDEX NAME NOT YET ASSIGNED
 FS STEREOSEARCH
 MF C15 H14 O8
 SR Other Sources
 Database: NIST Mass Spectral Library (National Institute of Standards
 and Technology)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L9 ANSWER 2 OF 50 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 960279-42-9 REGISTRY
 ED Entered STN: 09 Jan 2008
 CN Poly(oxy-1,2-ethanediyl), .alpha.-[(5-methyl-2-oxo-1,3-dioxan-5-yl)carbonyl]-.omega.-methoxy- (CA INDEX NAME)
 MF (C2 H4 O)_n C7 H10 O5
 CI PMS, COM
 PCT Polyether
 SR CA
 LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 3 OF 50 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 959476-65-4 REGISTRY
 ED Entered STN: 26 Dec 2007
 CN 2-Oxepanone, polymer with 5-(phenylmethoxy)-1,3-dioxan-2-one, tetradecanoate (CA INDEX NAME)
 MF C14 H28 O2 . x (C11 H12 O4 . C6 H10 O2)x
 PCT Polycarbonate, Polycarbonate formed, Polyester, Polyester formed
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 544-63-8
 CMF C14 H28 O2

HO₂C-(CH₂)₁₂-Me

CM 2

CRN 951755-34-3

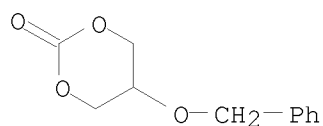
CMF (C11 H12 O4 . C6 H10 O2)x

CCI PMS

CM 3

CRN 86629-66-5

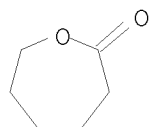
CMF C11 H12 O4



CM 4

CRN 502-44-3

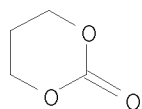
CMF C6 H10 O2



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 4 OF 50 REGISTRY COPYRIGHT 2008 ACS on STN
RN 955124-98-8 REGISTRY
ED Entered STN: 20 Nov 2007
CN 1,3-Dioxan-2-one, radical ion(1-) (CA INDEX NAME)
MF C4 H6 O3
CI RIS
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

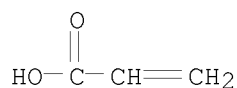
L9 ANSWER 5 OF 50 REGISTRY COPYRIGHT 2008 ACS on STN
RN 952417-66-2 REGISTRY

ED Entered STN: 05 Nov 2007
 CN 1,3-Dioxan-2-one, polymer with oxirane, di-2-propenoate, diblock (CA
 INDEX NAME)
 MF (C4 H6 O3 . C2 H4 O)x . 2 C3 H4 O2
 PCT Polycarbonate, Polycarbonate formed, Polyether, Polyether formed
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER

RELATED POLYMERS AVAILABLE WITH POLYLINK

CM 1

CRN 79-10-7
 CMF C3 H4 O2

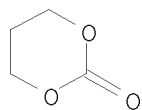


CM 2

CRN 870291-19-3
 CMF (C4 H6 O3 . C2 H4 O)x
 CCI PMS

CM 3

CRN 2453-03-4
 CMF C4 H6 O3



CM 4

CRN 75-21-8
 CMF C2 H4 O



1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 6 OF 50 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 952109-56-7 REGISTRY
 ED Entered STN: 31 Oct 2007
 CN 1,4-Dioxane-2,5-dione, 3,6-dimethyl-, (3S,6S)-, polymer with
 1,3-dioxan-2-one and oxirane, block (CA INDEX NAME)
 FS STEREOSEARCH
 MF (C6 H8 O4 . C4 H6 O3 . C2 H4 O)x
 CI PMS

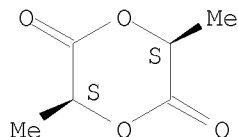
PCT Polycarbonate, Polycarbonate formed, Polyester, Polyester formed,
Polyether, Polyether formed
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

CM 1

CRN 4511-42-6

CMF C6 H8 O4

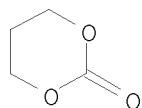
Absolute stereochemistry.



CM 2

CRN 2453-03-4

CMF C4 H6 O3



CM 3

CRN 75-21-8

CMF C2 H4 O

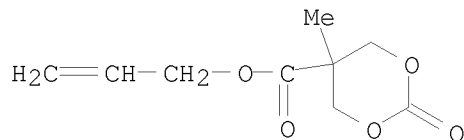


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 7 OF 50 REGISTRY COPYRIGHT 2008 ACS on STN
RN 945841-58-7 REGISTRY
ED Entered STN: 30 Aug 2007
CN 1,3-Dioxane-5-carboxylic acid, 5-methyl-2-oxo-, 2-propen-1-yl ester,
polymer with (3S,6S)-3,6-dimethyl-1,4-dioxane-2,5-dione and
1,4-dioxane-2,5-dione (CA INDEX NAME)
FS STEREOSEARCH
MF (C9 H12 O5 . C6 H8 O4 . C4 H4 O4)x
CI PMS
PCT Polycarbonate, Polycarbonate formed, Polyester, Polyester formed,
Polyvinyl
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

CM 1

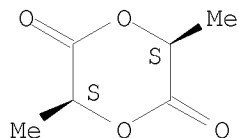
CRN 532424-75-2
CMF C9 H12 O5



CM 2

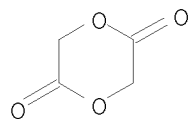
CRN 4511-42-6
CMF C6 H8 O4

Absolute stereochemistry.



CM 3

CRN 502-97-6
CMF C4 H4 O4



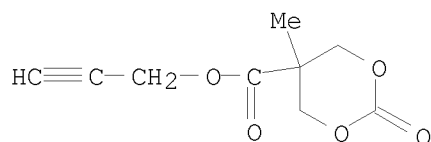
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 8 OF 50 REGISTRY COPYRIGHT 2008 ACS on STN
RN 945841-53-2 REGISTRY
ED Entered STN: 30 Aug 2007
CN 1,3-Dioxane-5-carboxylic acid, 5-methyl-2-oxo-, 2-propyn-1-yl ester,
homopolymer (CA INDEX NAME)
MF (C9 H10 O5)x
CI PMS
PCT Polyacetylene, Polycarbonate, Polycarbonate formed
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

RELATED POLYMERS AVAILABLE WITH POLYLINK

CM 1

CRN 945841-51-0
CMF C9 H10 O5

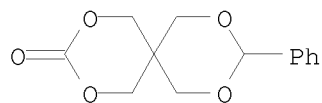


2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 9 OF 50 REGISTRY COPYRIGHT 2008 ACS on STN
RN 935850-08-1 REGISTRY
ED Entered STN: 25 May 2007
CN 2,4,8,10-Tetraoxaspiro[5.5]undecan-3-one, 9-phenyl-, polymer with
2-hydroxy-1,3,2-dioxaphosphorinane 2-oxide (CA INDEX NAME)
MF (C13 H14 O5 . C3 H7 O4 P)x
CI PMS
PCT Polycarbonate, Polycarbonate formed, Polyether
SR CA
LC STN Files: CA, CAPLUS

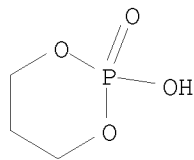
CM 1

CRN 573713-81-2
CMF C13 H14 O5



CM 2

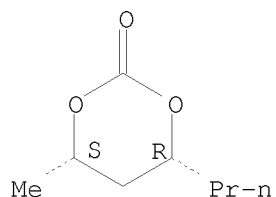
CRN 13507-10-3
CMF C3 H7 O4 P



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 10 OF 50 REGISTRY COPYRIGHT 2008 ACS on STN
RN 918819-35-9 REGISTRY
ED Entered STN: 30 Jan 2007
CN 1,3-Dioxan-2-one, 4-methyl-6-propyl-, (4R,6S)-rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C8 H14 O3
SR CA
LC STN Files: CA, CAPLUS, CASREACT

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d his full

(FILE 'HOME' ENTERED AT 17:47:27 ON 12 AUG 2008)

FILE 'REGISTRY' ENTERED AT 17:47:34 ON 12 AUG 2008

L1 STRUCTURE UPLOADED
L2 3 SEA SSS SAM L1
D L2
D L2 2-3
L3 0 SEA ABB=ON PLU=ON FILCE CAPLUS

FILE 'CAPLUS' ENTERED AT 17:48:45 ON 12 AUG 2008
S 119543-65-6/REG# /RN

FILE 'REGISTRY' ENTERED AT 17:49:35 ON 12 AUG 2008
L4 1 SEA ABB=ON PLU=ON 119543-65-6/RN

FILE 'CAPLUS' ENTERED AT 17:49:35 ON 12 AUG 2008
L5 6 SEA ABB=ON PLU=ON L4
D L5 1- IBIB

FILE 'CAPLUS' ENTERED AT 17:53:50 ON 12 AUG 2008
L6 2999 SEA ABB=ON PLU=ON CYCLIC CARBONATE
L7 7 SEA ABB=ON PLU=ON L6 (P) (SKIN OR HAIR OR NAIL OR TOPICAL OR
DERMATOLOGICAL OR CUTICLE OR EYE MAKEUP OR EYELASHES OR
MASCARA OR LIPSTICK) (P) COMPOSITION
D L7 IBIB 1-
D L7 IBIB KWIC 4
D L7 IBIB KWIC 5

FILE 'REGISTRY' ENTERED AT 18:00:35 ON 12 AUG 2008
L8 STRUCTURE UPLOADED
L9 50 SEA SSS SAM L8

FILE 'CAPLUS' ENTERED AT 18:01:01 ON 12 AUG 2008
L10 0 SEA ABB=ON PLU=ON L9 (P) (SKIN OR HAIR OR NAIL OR TOPICAL OR
DERMATOLOGICAL OR CUTICLE OR EYE MAKEUP OR EYELASHES OR
MASCARA OR LIPSTICK) (P) COMPOSITION

FILE 'REGISTRY' ENTERED AT 18:01:33 ON 12 AUG 2008
D L9 1-10

FILE 'CAPLUS' ENTERED AT 18:01:39 ON 12 AUG 2008

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 11 AUG 2008 HIGHEST RN 1040235-14-0

DICTIONARY FILE UPDATES: 11 AUG 2008 HIGHEST RN 1040235-14-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

FILE CAPLUS

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 12 Aug 2008 VOL 149 ISS 7

FILE LAST UPDATED: 11 Aug 2008 (20080811/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> log h

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.48	123.64

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-1.60

CA SUBSCRIBER PRICE

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 18:02:18 ON 12 AUG 2008

Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:SSSPTA1615LXC

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	MAR 31	IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats
NEWS	3	MAR 31	CAS REGISTRY enhanced with additional experimental spectra
NEWS	4	MAR 31	CA/CAPplus and CASREACT patent number format for U.S. applications updated
NEWS	5	MAR 31	LPCI now available as a replacement to LDPCI
NEWS	6	MAR 31	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	7	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	8	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	9	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	10	APR 28	IMSRESEARCH reloaded with enhancements
NEWS	11	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS	12	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS	13	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	14	JUN 06	KOREAPAT updated with 41,000 documents
NEWS	15	JUN 13	USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS	16	JUN 19	CAS REGISTRY includes selected substances from web-based collections
NEWS	17	JUN 25	CA/CAPplus and USPAT databases updated with IPC reclassification data
NEWS	18	JUN 30	AEROSPACE enhanced with more than 1 million U.S. patent records
NEWS	19	JUN 30	EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated organizations
NEWS	20	JUN 30	STN on the Web enhanced with new STN AnaVist Assistant and BLAST plug-in
NEWS	21	JUN 30	STN AnaVist enhanced with database content from EPFULL
NEWS	22	JUL 28	CA/CAPplus patent coverage enhanced
NEWS	23	JUL 28	EPFULL enhanced with additional legal status information from the epoline Register
NEWS	24	JUL 28	IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS	25	JUL 28	STN Viewer performance improved
NEWS	26	AUG 01	INPADOCDB and INPAFAMDB coverage enhanced
NEWS	27	AUG 13	CA/CAPplus enhanced with printed Chemical Abstracts page images from 1967-1998
NEWS	28	AUG 15	CAOLD to be discontinued on December 31, 2008
NEWS	29	AUG 15	CAPplus currency for Korean patents enhanced
NEWS	EXPRESS	JUNE 27 08	CURRENT WINDOWS VERSION IS V8.3, AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.
NEWS	HOURS		STN Operating Hours Plus Help Desk Availability
NEWS	LOGIN		Welcome Banner and News Items
NEWS	IPC8		For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:28:17 ON 17 AUG 2008

=> le reg

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 11:28:31 ON 17 AUG 2008

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 15 AUG 2008 HIGHEST RN 1041334-94-4

DICTIONARY FILE UPDATES: 15 AUG 2008 HIGHEST RN 1041334-94-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> s butylene carbonate/cn

L1 1 BUTYLENE CARBONATE/CN

=> d l1

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN

RN 4437-85-8 REGISTRY

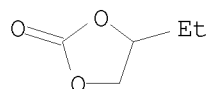
ED Entered STN: 16 Nov 1984

CN 1,3-Dioxolan-2-one, 4-ethyl- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,2-Butanediol, cyclic carbonate (8CI)

CN Carbonic acid, cyclic ethylethylene ester (7CI, 8CI)
 CN Carbonic acid, ethylethylene ester (6CI)
 OTHER NAMES:
 CN 1,2-Butanediol carbonate
 CN 1,2-Butylene carbonate
 CN 2-Oxo-4-ethyl-1,3-dioxolane
 CN 4-Ethyl-1,3-dioxolan-2-one
 CN Butylene carbonate
 CN Jeffsol BC
 DR 126828-12-4, 127128-77-2
 MF C5 H8 O3
 CI COM
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST,
 CSCHEM, DETHERM*, IFICDB, IFIPAT, IFIUDB, MSDS-OHS, PROMT, RTECS*,
 TOXCENTER, USPAT2, USPATFULL, USPATOLD
 (*File contains numerically searchable property data)
 Other Sources: NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

732 REFERENCES IN FILE CA (1907 TO DATE)
 7 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 736 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 6 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

```

=> s hexylene carbonate/cn
L2      0 HEXYLENE CARBONATE/CN

=> s cyclic monothiocarbonate/cn
L3      0 CYCLIC MONOTHIOCARBONATE/CN

=> s bicyclo-1,3,-dioxanae-2-thione
      811985 BICYCLO
      2329329 1,3
      0 DIOXANAE
      28053828 2
      114454 THIONE
L4      0 BICYCLO-1,3,-DIOXANAE-2-THIONE
      (BICYCLO(W)1,3(W)DIOXANAE(W)2(W)THIONE)

=> s bicyclo-1,3,-dioxanae-2-thione/cn
L5      0 BICYCLO-1,3,-DIOXANAE-2-THIONE/CN

=> e bicyclo-1,3,-dioxanae-2-thione/cn
E1      1      BICYCLO-(2.2.2)-OCTANE-1-CARBOXYLAMIDE/CN
E2      1      BICYCLO-(2.2.2)OCTANE-2-CARBOXYLAMIDE/CN
E3      0 --> BICYCLO-1,3,-DIOXANAE-2-THIONE/CN
E4      1      BICYCLO-PGEM/CN
E5      1      BICYCLOALTERNARENE 1/CN
E6      1      BICYCLOALTERNARENE 10/CN
E7      1      BICYCLOALTERNARENE 11/CN
E8      1      BICYCLOALTERNARENE 2/CN
E9      1      BICYCLOALTERNARENE 3/CN
  
```

```

E10      1      BICYCLOALTERNARENE 4/CN
E11      1      BICYCLOALTERNARENE 5/CN
E12      1      BICYCLOALTERNARENE 6/CN

```

=> e 5,5-(bicyclo[2.2.1]hetan-5,5-ylidene)-1,3-dioxane-2-thione/cn

```

E1      1      5,5,9A,13B-(1)PENTANYL(5)YLIDYNE-5H-CYCLOPROPA(E)TRIPHENYLEN
           E, 1,2,3,4,6,7,8,9,9A,10,11,12-DODECAHYDRO-, (4AR,5R,5AS,9AR
           ,9BS,13BR,14S)-REL-/CN
E2      1      5,5-(1,7-DIBUTYLHEPTAMETHYLENE)BIS(7,8-DIHYDRO-6-METHYL-1,3-
           DIOXOLO(4,5-G)ISOQUINOLINIUM IODIDE)/CN
E3      0 --> 5,5-(BICYCLO2.2.1HETAN-5,5-YLIDENE)-1,3-DIOXANE-2-THIONE/C
           N
E4      1      5,5-(ETHYLENEDIOXY)-10.BETA.,21-BIS(PHENYLSULFONYL)-DE-A-19-
           NORPREGN-9(11)-EN-20-ONE/CN
E5      1      5,5-(ETHYLENEDIOXY)-10.BETA.-(METHYLSULFONYL)DES-A-ESTR-9(11
           )-EN-17-ONE/CN
E6      1      5,5-(ETHYLENEDIOXY)-10.BETA.-(PHENYLSULFONYL)DES-A-ESTR-9(11
           )-EN-17-ONE/CN
E7      1      5,5-(ETHYLENEDIOXY)-17-HYDROXY-10.BETA.-(METHYLSULFONYL)DE-A
           -ESTR-9(11)-EN-17.BETA.-CARBONITRILE/CN
E8      1      5,5-(ETHYLENEDIOXY)-3,3-DIPHENYL-3,5-SECO-A-NORCHOLEST-2-ENE
           /CN
E9      1      5,5-(ETHYLENEDIOXY)-3,3-DIPHENYL-3,5-SECO-A-NORCHOLESTAN-3-O
           L/CN
E10     1      5,5-(ETHYLENEDIOXY)-3,5-SECO-A-DINORCHOLESTAN-2-OIC ACID/CN
E11     1      5,5-(ETHYLENEDIOXY)-4,5-SECO-19-NORANDROSTANE-3,17.BETA.-DIO
           L/CN
E12     1      5,5-(ETHYLENEDIOXY)-4,5-SECO-19-NORANDROSTANE-3,17.BETA.-DIO
           L DIACETATE/CN

```

=> file caplsu

'CAPLSU' IS NOT A VALID FILE NAME

SESSION CONTINUES IN FILE 'REGISTRY'

Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files that are available. If you have requested multiple files, you can specify a corrected file name or you can enter "IGNORE" to continue accessing the remaining file names entered.

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	59.39	59.60

FILE 'CAPLUS' ENTERED AT 11:42:56 ON 17 AUG 2008

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 17 Aug 2008 VOL 149 ISS 8

FILE LAST UPDATED: 15 Aug 2008 (20080815/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s bicyclo (p) cyclic carbonate

- 24052 BICYCLO
- 341169 CYCLIC
- 355 CYCLICS
- 341309 CYCLIC
- (CYCLIC OR CYCLICS)
- 331251 CARBONATE
- 72046 CARBONATES
- 366382 CARBONATE
- (CARBONATE OR CARBONATES)
- 3002 CYCLIC CARBONATE
- (CYCLIC(W)CARBONATE)
- L6 18 BICYCLO (P) CYCLIC CARBONATE

=> s 16 and (cosmetic or topical or makeup or eyelash or mascara or eye care or nail or hair or facial or skin dermatological or cuticle or lipstick or lip care or eye liner)

- 67626 COSMETIC
- 70465 COSMETICS
- 91927 COSMETIC
- (COSMETIC OR COSMETICS)
- 51388 TOPICAL
- 41 TOPICALS
- 51407 TOPICAL
- (TOPICAL OR TOPICALS)
- 6776 MAKEUP
- 2439 MAKEUPS
- 7928 MAKEUP
- (MAKEUP OR MAKEUPS)
- 280 EYELASH
- 316 EYELASHES
- 502 EYELASH
- (EYELASH OR EYELASHES)
- 636 MASCARA
- 1320 MASCARAS
- 1468 MASCARA
- (MASCARA OR MASCARAS)
- 130047 EYE
- 28229 EYES
- 140717 EYE
- (EYE OR EYES)
- 67286 CARE
- 222 CARES
- 67477 CARE
- (CARE OR CARES)
- 62 EYE CARE
- (EYE(W)CARE)
- 8335 NAIL
- 3468 NAILS
- 10069 NAIL
- (NAIL OR NAILS)
- 70152 HAIR
- 5686 HAIRS
- 72710 HAIR

```

        (HAIR OR HAIRS)
11340 FACIAL
    3 FACIALS
11341 FACIAL
        (FACIAL OR FACIALS)
284918 SKIN
    11197 SKINS
291186 SKIN
        (SKIN OR SKINS)
    2861 DERMATOLOGICAL
        13 DERMATOLOGICALS
    2872 DERMATOLOGICAL
        (DERMATOLOGICAL OR DERMATOLOGICALS)
    6819 DERMATOL
    8276 DERMATOLOGICAL
        (DERMATOLOGICAL OR DERMATOL)
    57 SKIN DERMATOLOGICAL
        (SKIN(W)DERMATOLOGICAL)
    9028 CUTICLE
    1290 CUTICLES
    9402 CUTICLE
        (CUTICLE OR CUTICLES)
    1709 LIPSTICK
    3125 LIPSTICKS
    3631 LIPSTICK
        (LIPSTICK OR LIPSTICKS)
    8985 LIP
    2444 LIPS
    10725 LIP
        (LIP OR LIPS)
    67286 CARE
        222 CARES
    67477 CARE
        (CARE OR CARES)
    55 LIP CARE
        (LIP(W)CARE)
130047 EYE
    28229 EYES
140717 EYE
        (EYE OR EYES)
    19926 LINER
        9299 LINERS
    24422 LINER
        (LINER OR LINERS)
    729 EYE LINER
        (EYE(W)LINER)
L7      0 L6 AND (COSMETIC OR TOPICAL OR MAKEUP OR EYELASH OR MASCARA OR
        EYE CARE OR NAIL OR HAIR OR FACIAL OR SKIN DERMATOLOGICAL OR
        CUTICLE OR LIPSTICK OR LIP CARE OR EYE LINER)

```

```

=> s l6 and @ad<20021107
'20021107' NOT A VALID FIELD CODE
    0 @AD<20021107
L8      0 L6 AND @AD<20021107

```

```

=> s l6 and ad<20021107
    4446429 AD<20021107
        (AD<20021107)
L9      4 L6 AND AD<20021107

```

```

=> d l9 ibib kwic

```

L9 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1998:335135 CAPLUS
DOCUMENT NUMBER: 129:60585
ORIGINAL REFERENCE NO.: 129:12441a,12444a
TITLE: Resist composition, resist pattern formation, and
production of semiconductor device
INVENTOR(S): Nozaki, Koji; Yano, Akira; Watanabe, Keiji; Namiki,
Takahisa; Igarashi, Yoshikazu
PATENT ASSIGNEE(S): Fujitsu Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 20 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
	JP 10133377	A	19980522	JP 1996-288524	19961030 <--
	JP 3297324	B2	20020702		
	US 5910392	A	19990608	US 1997-882734	19970626 <--
	TW 434452	B	20010516	TW 1997-86110419	19970722 <--
PRIORITY APPLN. INFO.:				JP 1996-288524	A 19961030
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 10133377	A	19980522	JP 1996-288524	19961030 <--
	JP 3297324	B2	20020702		
	US 5910392	A	19990608	US 1997-882734	19970626 <--
	TW 434452	B	20010516	TW 1997-86110419	19970722 <--
IT	208727-84-8P, Glycidyl methacrylate-4-vinylphenol copolymer carbonate 208727-85-9P, Glycidyl methacrylate-tetrahydropyranyl methacrylate copolymer carbonate 208727-86-0P, Glycidyl methacrylate-2-methyl-2- adamantyl methacrylate copolymer carbonate 208727-87-1P, Glycidyl methacrylate-3-oxocyclohexyl methacrylate copolymer carbonate 208727-88-2P, Glycidyl methacrylate-mevalonic lactone methacrylate copolymer carbonate 208727-89-3P, 2-Cyclohexenyl methacrylate-mevalonic lactone methacrylate copolymer carbonate 208727-90-6P, Glycidyl methacrylate-2-methyl-2-bicyclo [2,2,2]octane methacrylate copolymer carbonate RL: PNU (Preparation, unclassified); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses) (resist compn. contg. polymer having cyclic carbonate group useful for manuf. of semiconductor device)				

=> d l9 ibib kwic 3-

YOU HAVE REQUESTED DATA FROM 2 ANSWERS - CONTINUE? Y/(N):y

L9 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1963:462122 CAPLUS
DOCUMENT NUMBER: 59:62122
ORIGINAL REFERENCE NO.: 59:11422g-h
TITLE: 3-Oxatricyclo[3.2.1.0^{2,4}]octane-6,7-diol
INVENTOR(S): Tinsley, Samuel W.
PATENT ASSIGNEE(S): Union Carbide Corp.
SOURCE: 2 pp.
DOCUMENT TYPE: Patent
LANGUAGE: Unavailable
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3071600		19630101	US 1960-32522	19600531 <--
PRIORITY APPLN. INFO.:				
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3071600		19630101	US 1960-32522	19600531 <--

PI The title compd. represented by I was prepd. from bicyclo
AB [2.2.1]hept-2-ene-5,6-diol (II), obtained by hydrolysis from its
cyclic carbonate. Thus, to a soln. of 25 g. II in 20 g.
EtOAc was added dropwise, during 15 min., 75 g.. . .

L9 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1959:39846 CAPLUS
DOCUMENT NUMBER: 53:39846
ORIGINAL REFERENCE NO.: 53:7127h-i,7128a-e
TITLE: Dihydroanthracenedicarboxaldehydes
INVENTOR(S): Patton, Tad L.
PATENT ASSIGNEE(S): Monsanto Chemical Co.
DOCUMENT TYPE: Patent
LANGUAGE: Unavailable
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2857434		19581021	US 1956-613827	19561004 <--
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2857434		19581021	US 1956-613827	19561004 <--

PI . . . is prepd. by refluxing 45 hrs. 43 g. I with 89 g. anthracene in
AB 250 ml. .omicron.-Cl₂C₆H₄. On cooling, 9,10-dihydro-9,10-ethanoanthracene-
11,12-diol cyclic carbonate separates, m.
253-4.degree.. To 10 g. of this adduct is added 1.5 g. NaOH in 200 ml.
1:1 (by vol.). . . 18-21 hrs. at 180.degree. in a sealed 300 ml.
stainless steel bomb. The purified adduct formed in 60% yield is
bicyclo[2.2.1]hex-5-ene-2,3-diol cyclic
carbonate, m. 115-17.degree.. The adduct (15.4 g) is refluxed 1
hr. with 2 g. NaOH in 50 ml. H₂O, then evapd. to dryness. The residue is
taken up in Et₂O, dried, and the Et₂O evapd. to yield 90% bicyclo
[2.2.1]hept-5-ene-2,3-diol, m. 176-8.degree.. Then 5 g. of the diol is
dissolved in 100 ml. EtOH contg. 1.0 g. Raney Ni and. . . and 1000
lb./sq. in. Evapn. of the filtrate in vacuo and recrystn. of the residue
from hexane yields 5 g. bicyclo[2.2.1]heptane-2,3-diol, m.
210-11.degree.. The reduced diol (12.8 g.) is then subjected to Pb(OAc)₄
as before, with stirring 3 hrs. after addn.. . . with Pb(OAc)₄ to
adipaldehyde, b₃, 68-70.degree.. The adduct prepd. by refluxing I with
hexachloropentadiene in .omicron.-Cl₂C₆H₄ 4 hrs. is 1,4,5,6,7,7-
hexachlorobicyclo[2.2.1]hept-5-ene-2,3-diol cyclic
carbonate, m. 232-3.degree.. A mixt of 147.6 g. of this adduct
and 10 ml. 28% HCl in 1000 ml. 2:3 H₂O-EtOH. . .

=> d 19 ibib kwic 2

L9 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1997:710934 CAPLUS
DOCUMENT NUMBER: 127:346815
ORIGINAL REFERENCE NO.: 127:68057a,68060a
TITLE: Norbornane cyclic carbonate and heat-resistant
polymers thereof
INVENTOR(S): Murayama, Mitsumoto; Mita, Fumio; Endo, Takeshi

PATENT ASSIGNEE(S): Sumitomo Bakelite Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	JP 09278874	A	19971028	JP 1996-92699	19960415 <--
PRIORITY APPLN. INFO.:				JP 1996-92699	19960415
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09278874	A	19971028	JP 1996-92699	19960415 <--
IT	6707-12-6P, 5,5-Norbornenedimethanol		15449-66-8P, Bicyclo		
	[2.2.1]heptane-2,2-dimethanol		198197-09-0P		
	RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)				
	(norbornane cyclic carbonate and heat-resistant polymers thereof)				

```
=> s butylene carbonate
    35607 BUTYLENE
    1192 BUTYLENES
    36411 BUTYLENE
        (BUTYLENE OR BUTYLENES)
    331251 CARBONATE
    72046 CARBONATES
    366382 CARBONATE
        (CARBONATE OR CARBONATES)
L10      736 BUTYLENE CARBONATE
        (BUTYLENE(W)CARBONATE)

=> s butylene carbonate (p) cyclic
    35607 BUTYLENE
    1192 BUTYLENES
    36411 BUTYLENE
        (BUTYLENE OR BUTYLENES)
    331251 CARBONATE
    72046 CARBONATES
    366382 CARBONATE
        (CARBONATE OR CARBONATES)
        736 BUTYLENE CARBONATE
        (BUTYLENE(W)CARBONATE)
    341169 CYCLIC
    355 CYCLICS
    341309 CYCLIC
        (CYCLIC OR CYCLICS)
L11      79 BUTYLENE CARBONATE (P) CYCLIC
```

```
=> s butylene (5a) carbonate (5a) cyclic
    35607 BUTYLENE
    1192 BUTYLENES
    36411 BUTYLENE
        (BUTYLENE OR BUTYLENES)
    331251 CARBONATE
    72046 CARBONATES
    366382 CARBONATE
        (CARBONATE OR CARBONATES)
    341169 CYCLIC
```

355 CYCLICS
341309 CYCLIC
(CYCLIC OR CYCLICS)
L12 44 BUTYLENE (5A) CARBONATE (5A) CYCLIC

=> s l12 and (cosmetic or topical or makeup or eyelash or mascara or eye care or nail or hair or facial or skin dermatological or cuticle or lipstick or lip care or eye liner)

67626 COSMETIC
70465 COSMETICS
91927 COSMETIC
(COSMETIC OR COSMETICS)
51388 TOPICAL
41 TOPICALS
51407 TOPICAL
(TOPICAL OR TOPICALS)
6776 MAKEUP
2439 MAKEUPS
7928 MAKEUP
(MAKEUP OR MAKEUPS)
280 EYELASH
316 EYELASHES
502 EYELASH
(EYELASH OR EYELASHES)
636 MASCARA
1320 MASCARAS
1468 MASCARA
(MASCARA OR MASCARAS)
130047 EYE
28229 EYES
140717 EYE
(EYE OR EYES)
67286 CARE
222 CARES
67477 CARE
(CARE OR CARES)
62 EYE CARE
(EYE(W)CARE)
8335 NAIL
3468 NAILS
10069 NAIL
(NAIL OR NAILS)
70152 HAIR
5686 HAIRS
72710 HAIR
(HAIR OR HAIRS)
11340 FACIAL
3 FACIALS
11341 FACIAL
(FACIAL OR FACIALS)
284918 SKIN
11197 SKINS
291186 SKIN
(SKIN OR SKINS)
2861 DERMATOLOGICAL
13 DERMATOLOGICALS
2872 DERMATOLOGICAL
(DERMATOLOGICAL OR DERMATOLOGICALS)
6819 DERMATOL
8276 DERMATOLOGICAL
(DERMATOLOGICAL OR DERMATOL)
57 SKIN DERMATOLOGICAL

(SKIN(W) DERMATOLOGICAL)
 9028 CUTICLE
 1290 CUTICLES
 9402 CUTICLE
 (CUTICLE OR CUTICLES)
 1709 LIPSTICK
 3125 LIPSTICKS
 3631 LIPSTICK
 (LIPSTICK OR LIPSTICKS)
 8985 LIP
 2444 LIPS
 10725 LIP
 (LIP OR LIPS)
 67286 CARE
 222 CARES
 67477 CARE
 (CARE OR CARES)
 55 LIP CARE
 (LIP(W) CARE)
 130047 EYE
 28229 EYES
 140717 EYE
 (EYE OR EYES)
 19926 LINER
 9299 LINERS
 24422 LINER
 (LINER OR LINERS)
 729 EYE LINER
 (EYE(W) LINER)
 L13 1 L12 AND (COSMETIC OR TOPICAL OR MAKEUP OR EYELASH OR MASCARA OR
 EYE CARE OR NAIL OR HAIR OR FACIAL OR SKIN DERMATOLOGICAL OR
 CUTICLE OR LIPSTICK OR LIP CARE OR EYE LINER)

=> d 113

L13 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2007:167202 CAPLUS
 DN 146:212276
 TI Use of one or more cyclic 1,2-alkylene carbonates as stabilizers and
 activity enhancers in preservatives for cosmetics
 IN Straetmans, Udo; Jaenichen, Jan; Petersen, Wilfried; Kinder, Michael
 PA Dr. Straetmans Chemische Produkte G.m.b.H., Germany
 SO Eur. Pat. Appl., 33pp.
 CODEN: EPXXDW
 DT Patent
 LA German
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1752193	A1	20070214	EP 2005-17684	20050813
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU				
PRAI EP 2005-17684		20050813		

 RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s (pentylene or hexylene or octylene or heptylene or butylene) (5a) carbonate
 (5a) cyclic
 468 PENTYLENE
 6 PENTYLENES

```

473 PENTYLENE
    (PENTYLENE OR PENTYLENES)
2360 HEXYLENE
    24 HEXYLENES
2379 HEXYLENE
    (HEXYLENE OR HEXYLENES)
523 OCTYLENE
    15 OCTYLENES
536 OCTYLENE
    (OCTYLENE OR OCTYLENES)
102 HEPTYLENE
    7 HEPTYLENES
109 HEPTYLENE
    (HEPTYLENE OR HEPTYLENES)
35607 BUTYLENE
    1192 BUTYLENES
36411 BUTYLENE
    (BUTYLENE OR BUTYLENES)
331251 CARBONATE
    72046 CARBONATES
366382 CARBONATE
    (CARBONATE OR CARBONATES)
341169 CYCLIC
    355 CYCLICS
341309 CYCLIC
    (CYCLIC OR CYCLICS)
L14      46 (PENTYLENE OR HEXYLENE OR OCTYLENE OR HEPTYLENE OR BUTYLENE)
          (5A) CARBONATE (5A) CYCLIC

=> s (pentylene or hexylene or octylene or heptylene) (5a) carbonate (5a) cyclic
468 PENTYLENE
    6 PENTYLENES
473 PENTYLENE
    (PENTYLENE OR PENTYLENES)
2360 HEXYLENE
    24 HEXYLENES
2379 HEXYLENE
    (HEXYLENE OR HEXYLENES)
523 OCTYLENE
    15 OCTYLENES
536 OCTYLENE
    (OCTYLENE OR OCTYLENES)
102 HEPTYLENE
    7 HEPTYLENES
109 HEPTYLENE
    (HEPTYLENE OR HEPTYLENES)
331251 CARBONATE
    72046 CARBONATES
366382 CARBONATE
    (CARBONATE OR CARBONATES)
341169 CYCLIC
    355 CYCLICS
341309 CYCLIC
    (CYCLIC OR CYCLICS)
L15      4 (PENTYLENE OR HEXYLENE OR OCTYLENE OR HEPTYLENE) (5A) CARBONATE
          (5A) CYCLIC

=> d l15 ibib kwic 1-
YOU HAVE REQUESTED DATA FROM 4 ANSWERS - CONTINUE? Y/(N):y

```


ACCESSION NUMBER: 2007:167202 CAPLUS
 DOCUMENT NUMBER: 146:212276
 TITLE: Use of one or more cyclic 1,2-alkylene carbonates as stabilizers and activity enhancers in preservatives for cosmetics
 INVENTOR(S): Straetmans, Udo; Jaenichen, Jan; Petersen, Wilfried; Kinder, Michael
 PATENT ASSIGNEE(S): Dr. Straetmans Chemische Produkte G.m.b.H., Germany
 SOURCE: Eur. Pat. Appl., 33pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1752193	A1	20070214	EP 2005-17684	20050813
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU				
PRIORITY APPLN. INFO.:			EP 2005-17684	20050813
REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT				
IT 96-49-1D, 1,3-Dioxolan-2-one, alkyl derivs. 4437-85-8, 1,2-Butylene carbonate 66675-43-2, 1,2-Hexylene carbonate 82947-28-2 89489-56-5, 1,2-Pentylene carbonate 145779-35-7, Rokonsal BS 866395-86-0, Optiphen 896712-00-8, Dragocid liquid 923590-20-9, Dermosoft LP				
RL: BSU (Biological study, unclassified); COS (Cosmetic use); BIOL (Biological study); USES (Uses)				
(use of one or more cyclic 1,2-alkylene carbonates as stabilizers and activity enhancers in preservatives for cosmetics)				

L15 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:787191 CAPLUS
 DOCUMENT NUMBER: 145:293064
 TITLE: Method for synthesizing cyclic carbonate
 INVENTOR(S): Zhang, Suobo; Xie, Haibo
 PATENT ASSIGNEE(S): Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, Peop. Rep. China
 SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 10pp.
 CODEN: CNXXEV
 DOCUMENT TYPE: Patent
 LANGUAGE: Chinese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1696123	A	20051116	CN 2005-10016850	20050603
PRIORITY APPLN. INFO.:			CN 2005-10016850	20050603
OTHER SOURCE(S): CASREACT 145:293064; MARPAT 145:293064				
IT 96-49-1P, Ethylene carbonate 108-32-7P, Propylene carbonate 2463-45-8P, Epichlorohydrin carbonate 4389-22-4P, Cyclohexene carbonate 4427-92-3P, Phenylethylene carbonate 4437-85-8P, Butylene carbonate 66675-43-2P, 1,2-Hexylene carbonate				
RL: IMF (Industrial manufacture); PREP (Preparation)				
(synthesis of cyclic carbonate by reacting epoxy compd. and carbon dioxide)				

L15 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:106120 CAPLUS
DOCUMENT NUMBER: 140:321265
TITLE: Co(III) porphyrin/DMAP: an efficient catalyst system
for the synthesis of cyclic carbonates from CO2 and
epoxides
AUTHOR(S): Paddock, Robert L.; Hiyama, Yaeko; McKay, Jonathan M.;
Nguyen, SonBinh T.
CORPORATE SOURCE: Department of Chemistry and Institute for
Environmental Catalysis, Northwestern University,
Evanston, IL, 60208-3113, USA
SOURCE: Tetrahedron Letters (2004), 45(9), 2023-2026
CODEN: TELEAY; ISSN: 0040-4039
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 140:321265
REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT 108-32-7P, 4-Methyl-1,3-dioxolan-2-one 2463-45-8P, 4-Chloromethyl-1,3-
dioxolan-2-one 4427-92-3P, 4-Phenyl-1,3-dioxolan-2-one 4427-96-7P,
4-Vinyl-1,3-dioxolan-2-one 4437-69-8P, 4,4-Dimethyl-1,3-dioxolan-2-one
66675-43-2P, 1,2-Hexylene carbonate 161007-10-9P,
4-Benzyl-1,3-dioxolan-2-one
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of cyclic carbonates via DMAP-mediated
cobalt-porphyrin-catalyzed heterocyclization of epoxides with carbon
dioxide)

L15 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2003:564800 CAPLUS
DOCUMENT NUMBER: 139:364852
TITLE: A novel and effective Ni complex catalyst system for
the coupling reactions of carbon dioxide and epoxides
AUTHOR(S): Li, Fuwei; Xia, Chungu; Xu, Liwen; Sun, Wei; Chen,
Gexin
CORPORATE SOURCE: Lanzhou Institute of Chemical Physics, State Key
Laboratory for Oxo Synthesis and Selective Oxidation,
Chinese Academy of Sciences, Lanzhou, 73000, Peop.
Rep. China
SOURCE: Chemical Communications (Cambridge, United Kingdom)
(2003), (16), 2042-2043
CODEN: CHCOFS; ISSN: 1359-7345
PUBLISHER: Royal Society of Chemistry
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 139:364852
REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT 108-32-7P, Propylene carbonate 2463-45-8P, 4-Chloromethyl-1,3-dioxolan-2-
one 4389-22-4P, Cyclohexene carbonate 4427-92-3P, 4-Phenyl-1,3-
dioxolan-2-one 4427-96-7P, 4-Vinyl-1,3-dioxolan-2-one 66675-43-2P,
1,2-Hexylene carbonate
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of cyclic carbonates via nickel-catalyzed
heterocyclization of epoxides with carbon dioxide)

=> d his full

(FILE 'HOME' ENTERED AT 11:28:17 ON 17 AUG 2008)

FILE 'REGISTRY' ENTERED AT 11:28:31 ON 17 AUG 2008

L1 1 SEA ABB=ON PLU=ON BUTYLENE CARBONATE/CN
D L1
L2 0 SEA ABB=ON PLU=ON HEXYLENE CARBONATE/CN
L3 0 SEA ABB=ON PLU=ON CYCLIC MONOTHIOCARBONATE/CN
L4 0 SEA ABB=ON PLU=ON BICYCLO-1,3,-DIOXANAE-2-THIONE
L5 0 SEA ABB=ON PLU=ON BICYCLO-1,3,-DIOXANAE-2-THIONE/CN
E BICYCLO-1,3,-DIOXANAE-2-THIONE/CN
E 5,5-(BICYCLO[2.2.1]HETAN-5,5-YLIDENE)-1,3-DIOXANE-2-THIONE/CN

FILE 'CAPLUS' ENTERED AT 11:42:56 ON 17 AUG 2008

L6 18 SEA ABB=ON PLU=ON BICYCLO (P) CYCLIC CARBONATE
L7 0 SEA ABB=ON PLU=ON L6 AND (COSMETIC OR TOPICAL OR MAKEUP OR
EYELASH OR MASCARA OR EYE CARE OR NAIL OR HAIR OR FACIAL OR
SKIN DERMATOLOGICAL OR CUTICLE OR LIPSTICK OR LIP CARE OR EYE
LINER)
L8 0 SEA ABB=ON PLU=ON L6 AND @AD<20021107
L9 4 SEA ABB=ON PLU=ON L6 AND AD<20021107
D L9 IBIB KWIC
D L9 IBIB KWIC 3-
D L9 IBIB KWIC 2
L10 736 SEA ABB=ON PLU=ON BUTYLENE CARBONATE
L11 79 SEA ABB=ON PLU=ON BUTYLENE CARBONATE (P) CYCLIC
L12 44 SEA ABB=ON PLU=ON BUTYLENE (5A) CARBONATE (5A) CYCLIC
L13 1 SEA ABB=ON PLU=ON L12 AND (COSMETIC OR TOPICAL OR MAKEUP OR
EYELASH OR MASCARA OR EYE CARE OR NAIL OR HAIR OR FACIAL OR
SKIN DERMATOLOGICAL OR CUTICLE OR LIPSTICK OR LIP CARE OR EYE
LINER)
D L13
L14 46 SEA ABB=ON PLU=ON (PENTYLENE OR HEXYLENE OR OCTYLENE OR
HEPTYLENE OR BUTYLENE) (5A) CARBONATE (5A) CYCLIC
L15 4 SEA ABB=ON PLU=ON (PENTYLENE OR HEXYLENE OR OCTYLENE OR
HEPTYLENE) (5A) CARBONATE (5A) CYCLIC
D L15 IBIB KWIC 1-

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 15 AUG 2008 HIGHEST RN 1041334-94-4
DICTIONARY FILE UPDATES: 15 AUG 2008 HIGHEST RN 1041334-94-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

FILE CAPLUS

Copyright of the articles to which records in this database refer is
held by the publishers listed in the PUBLISHER (PB) field (available

for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 17 Aug 2008 VOL 149 ISS 8
FILE LAST UPDATED: 15 Aug 2008 (20080815/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> log h

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	151.53	211.13
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-1.60	-1.60

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 11:50:05 ON 17 AUG 2008